

Qplay

SONIQ

Blu-Ray Disc Player
Instruction Manual

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Important

Safety and important notice

WARNING:

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE, DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.
- DO NOT INSTALL NEAR ANY HEAT SOURCES SUCH AS RADIATORS, HEAT REGISTERS.
- NEVER PLACE THE PRODUCT, REMOTE CONTROL OR BATTERIES NEAR NAKED FLAMES OR OTHER HEAT SOURCES
- THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING;
- NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS;
- MINIMUM DISTANCES AROUND THE APPARATUS FOR SUFFICIENT VENTILATION, NO LESS THAN 5 CM.
- THE VENTILATION SHOULD NOT BE IMPEDED BY COVERING THE VENTILATION OPENINGS WITH ITEMS, SUCH AS NEWSPAPERS, TABLE-CLOTH, CURTAINS ETC.;
- NO NAKED FLAME SOURCES, SUCH AS LIGHTED CANDLES, SHOULD BE PLACED ON THE APPARATUS;
- ATTENTION SHOULD BE DRAWN TO THE ENVIRONMENTAL ASPECTS OF BATTERY DISPOSAL;
- THE USE OF APPARATUS IN MODERATE CLIMATES ONLY;
- THE REMOTE CONTROL BATTERY SHALL NOT BE EXPOSED TO EXCESSIVE HEAT SUCH AS SUNSHINE, FIRE OR THE LIKE.

- THE MAINS PLUG IS USED AS THE DISCONNECT DEVICE, THE DISCONNECT DEVICE SHALL BE READILY OPERABLE.

CAUTION:

This product employs a Laser System(Class 1M).

This BD DVD player employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location.

Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure. To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open.

DO NOT STARE INTO BEAM.

The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

These servicing instructions are for use by qualified service personnel only.

To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering or disassembly is prohibited.

Important

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Your Product

Regions Codes

Both the Blu-ray Disc player and the discs are coded by region. These regional codes must match in order to play the disc. If the codes do not match, the disc will not play. The Region Number for this Blu-ray Disc player is described on the rear panel of the Blu-ray Disc player.

Region	DVD discs that can be played	
U.S.A. and Canada regions		
U.K., Europe regions and Japan		
Asia Pacific, Taiwan, Korea		
Australia, New Zealand, Latin America		
Russia and India regions		
China, Calcos Islands, Walls and Futuna Islands		

Region	BD discs that can be played	
North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.		
Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.		
India, China, Russia, Central and South Asia.		

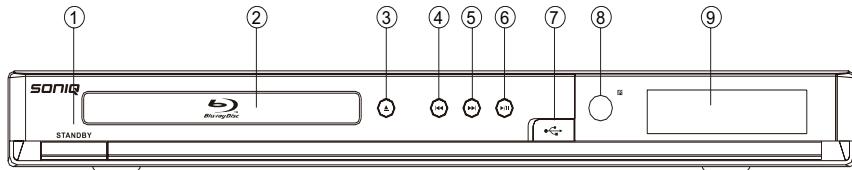
Blu-ray Disc Java

Blu-ray Disc Java(BD-J) Application
The BD-ROM format supports Java for interactive functions. "BD-J" offers content providers almost unlimited functionality when creating interactive BD-ROM titles.

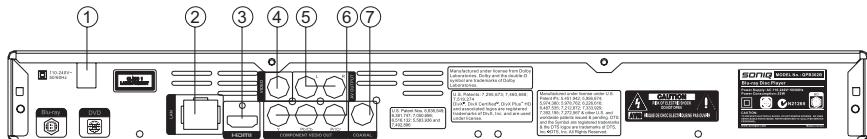
Your Product

Product overview

Main Unit



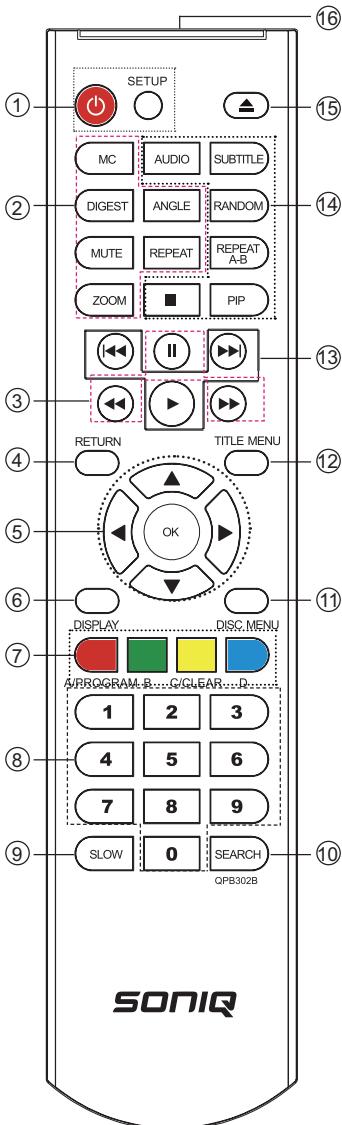
NO	Control	Function
①	STANDBY button	Turns the power on or restores the unit to the standby mode.
②	Disc compartment	Loads a disc into the disc drive.
③	▲	Open or close the disc compartment.
④	◀◀	Search backward.
⑤	▶▶	Search forward.
⑥	▶/II	Playback/Pause.
⑦	USB	Connect a USB flash drive.
⑧	IR Sensor	Point the remote control at the IR sensor.
⑨	Display panel	Show information about the current status of this unit.



NO	Control	Function
①	AC power cord	Connects to a standard AC outlet.
②	ETHERNET	Use this to connect to a network with an always-on broadband connection. It is reserved for future usage of BD-Live.
③	HDMI OUTPUT jack	Outputs video/audio signals to a connected TV, monitor or AV amplifier. Connect to a TV, monitor or AV amplifier equipped with HDMI input.
④	VIDEO	Output video signals to a connected TV.
⑤	ANALOG AUDIO OUTPUT jacks	Outputs audio signals to a connected TV or AV amplifier.
⑥	COMPONENT VIDEO OUTPUT jacks	Outputs video signals to a connected TV or monitor. Connect to a TV or monitor equipped with component video jacks.
⑦	COAXIAL socket	Output digital audio signals when connecting the coaxial digital cable.

Your Product

Remote Control



① ON / STANDBY
• To switch the DVD player to ON or standby mode.

SETUP
• Enters or exits the system setup menu.

② MC
• To OPEN/CLOSE Media Center. When there is no disc or DVD is in stop mode, press MC button to switch between DVD and USB mode.

ANGLE

- Switch the camera angle during playback.

DIGEST

- During playback a JPEG disc, press to view a page of 12 thumbnail images. This button is only available in JPEG mode.

MUTE

- Mutes the sound output from player.

REPEAT

- Selects various repeat mode.

ZOOM

- To zoom out/in.

③ </> F.R & F.F

- Fast Reverse/ Forward search.

II PAUSE

- Pause playback.

④ RETURN

- Return to previous menu.

⑤ OK

- Acknowledge/Confirm menu selection.

◀▶ ▲▼

- Navigation/Cursor buttons for moving to the left, right/ up/ down.
- During JPEG playback, press **◀▶** button to rotate the image to left or right. Press **▲** button to flip the image horizontally, reversing the left and right sides of the image. Press **▼** button to flip the image vertically, reversing the top and bottom sides of the image.

⑥ DISPLAY

- To display a window to locate a title, chapter or track.

⑦ A/B/C/D

- To operate as indicated by the video display during some BD disks playback. These keys have no effect for DVDs and CDS.

PROGRAM

- To set track/chapter in a favourite order during CD/DVD/VCD playback.

CLEAR

- To clear all programmed items.

⑧ Number Buttons

- Select numbered items in a menu.

- Press to enter track/ chapter/ title numbers/password directly.

⑨ SLOW

- Do a slow forward.

⑩ SEARCH

- To search a title, chapter to track or playing time.

⑪ DISC MENU

- To display a menu include on many BD/DVD video discs.

⑫ TITLE MENU

- To display the disc title during playback.

⑬ </> PREV & NEXT

- Skip to previous. next chapter/title/track.

▶ PLAY

- Start playback.

⑭ AUDIO

- To select the sound stream; press repeatedly to select different audio streams available in your disc.

SUBTITLE

- To display subtitle; press repeatedly to select different subtitles available in your disc.

RANDOM

- To play in random (for CD , VCD, JPEG, WMA and DivX).

REPEAT A-B

- To repeat from A to B.

PIP (Picture in Picture)

- Switch on or off the secondary video and audio.

■ STOP

- Stop playback

⑮ ▲ OPEN/CLOSE

- Open/ Close the disc tray.

⑯ REMOTE SIGNAL EMITTER

- Point remote control to the sensor on the front panel.

Connect

Make the following connection to use this product.

Connecting to a TV

Connect the product to TV to view disc play, Select the best video connection that TV can support:

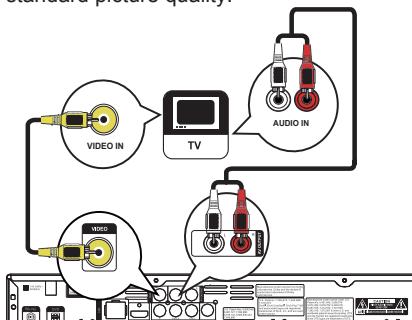
Option 1: Connect to the composite video jacks

Option 2: Connect to the component video jacks

Option 3: Connect to the HDMI Jack.

Option 1: Connect to the composite video jacks

You can connect this unit to a TV through the composite video cable which provides standard picture quality.

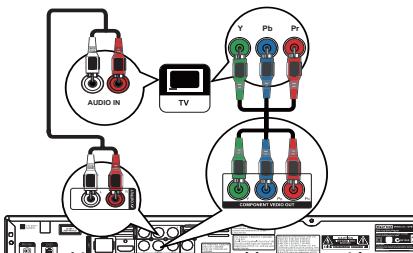


1. Connect a composite cable from the VIDEO jack and AUDIO L/R_AV OUTPUT jacks on this product to the video input jack(yellow) and audio input jack(white/right) on the TV.

Option 2: Connect to the component video jacks

You can connect this unit to a TV through the component video cables which provides superior picture quality.

The progressive scan video quality is only available when using Y Pb Pr connection and a progressive scan TV is required.

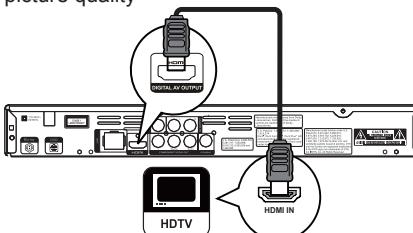


1. Connect the component video cables from the Y Pb Pr jack on this unit to the corresponding component video input jacks on your TV.

2. Connect the audio cable from AUDIO L/R_AV OUTPUT jacks on this product to the audio input jacks on your TV.

Option 3: Connect to the HDMI Jack

This type of connection provides better picture quality



1. Connect a HDMI cable from the HDMI OUTPUT jack on this product to the HDMI input jack on the TV.

Notes:

- If the TV has a DVI connector only, connect via an HDMI/DVI adapter. Connect an audio cable for sound output.

Connect

Optional Connection

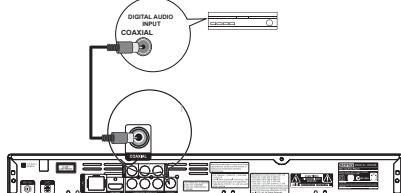
Option 1: Connect to digital amplifier/receiver

Option 2: Connect to analogue stereo system

Option 3: Connect network.

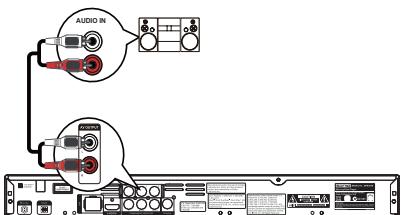
Option 1: Connect to the digital amplifier/receiver

Round the sound from this player to other device to enhance audio play.



1. Connect a coaxial cable from the COAXIAL jack on this product to the COAXIAL jack on the device.

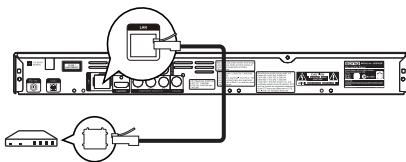
Option 2: Connect to an analogue stereo system



1. Connect the audio cable from the AUDIO L/R_AV OUTPUT jack on the player to the audio input jack to the system.

Option 3: Connect network

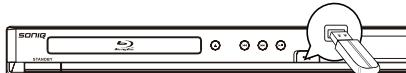
Connect this product to the network to enjoy BD-Live bonus content.



1. Connect the network cable from the LAN jack on the player to the LAN jack on the system.

Connect USB device

A USB device provides an additional memory to software updates and enjoy BD-Live bonus content.



1. Connect the USB device to the **USB** jack on this player.

Notes:

- *Connect a USB device only to the **USB** jack on this player.*
- *We are not guarantee 100% compatibility with all USB devices.*

Connect Power

1. Connect the AC power cable to:

- the main unit.
- the wall socket.
- The player is ready to be set up for use.

Notes:

- *Before connecting the AC power cord, ensure you have complete all other connections.*
- *Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back of the unit.*
- *The type plate is located on the back of the main unit.*

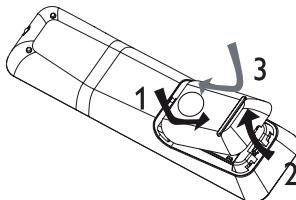
Preparation

Always follow the instructions in this chapter in sequence.

Note:

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Prepare the remote control



1. Open the battery compartment.
2. Insert 2 AAA batteries with correct polarity (+/-) as indicated.
3. Close the battery compartment.

Notes:

- Keep the batteries away from the heat, sunshine or fire. Never discard batteries in fire.
- If you are not going to use the remote control for a long time, remove the batteries.
- Do not use old and new or different types of batteries in combination.
- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.

Setting up the player

Find the correct viewing channel

1. Press **Ø** to turn on this product.
2. Turn on the TV and switch to the correct video-in channel (refer to the TV user manual on how to select the correct channel)

Use the HOME MENU

1. Press **SETUP** to display the setup menu when the BD Player is playing or no disc. And press **SETUP** to exit the Setup menu.

Select menu display language

1. Press **SETUP**
- [General Setting] menu is displayed
2. Select [Language], then press **►**
3. Select [OSD], then press **►**
- The language options may vary from different regions.
4. Press **▲▼** to select a language, then press **OK**

Note:

- If this disc player is connected to a HDMI CEC compliant TV, skip this setting. It switches automatically to the same OSD menu language as per your TV setting.

Playback

Playback Functions

Basic Playback

1. Press **⑤/STANDBY** switch on the front panel or the remote control, your player will turn on.
The unit will take around 30 seconds to warm up.
2. Turn on the TV, and then select the input setting on the TV that matches the connection method you used to connect your player.
3. Press **OPEN/CLOSE ▲** to slide out the disc tray.
4. Place a disc on the disc tray with the label facing up, and then press **OPEN/CLOSE ▲** to slide back and close the disc tray.
The disc loading time depends on the types of disc you are loading, and loading a Blu-ray Disc will take longer time.
5. If the disc does not start playing automatically, please press **PLAY ▶** to start playback.
6. If a Blu-ray disc or DVD menu displays, press **CURSOR** button to select **PLAY**. Then, press **OK** to confirm.
7. To eject the disc, press **OPEN/CLOSE ▲**.

Pause playback

1. Press **PAUSE ■■** to pause playback. The sound will be muted.
2. Press **PAUSE ■■** or **PLAY ▶** to resume the playback.

Stop playback

1. Press **STOP ■** button once to go to Pre-stop mode, the TV screen will show the Pre-stop logo.
2. Press **STOP ■** twice to stop the

playback completely.

3. Press **PLAY ▶** to resume playback from the point where playback is pre-stopped or from the beginning of the disc after the playback is completely stopped.
Not all Blu-ray Discs support the resume feature.

Fast Forward and Fast Reverse

1. Press **F.FWD ▶▶** to fast forward through the disc. The fast forward speed changes based on how many times you pressed the button. The speed will increase through the following sequence: **X1, X2, X3, X4, X5**
2. Press **PLAY ▶** to resume playback.
3. Press **F.REV ◀◀** to fast reverse through the disc. The fast reverse speed changes based on how many time you pressed the button. The speed will increase through the following sequence: **X1, X2, X3, X4, X5**
4. Press **PLAY ▶** to resume playback.

Previous and Next

During playback, press **PREV ◀◀** button, and you can skip back to the start of the chapter or track. Each press of this button will allow you to skip a chapter or track till the beginning of the disc.
Press of **NEXT ▶▶** button during playback will allow you to skip the playback to next chapter or track.

Slow Forward

1. During playback, press **SLOW** button. The slow forward speed is 1/16X in default.
2. To change slow forward speed, press **SLOW** button repeatedly, and the slow forward speed will be changed in the following sequence: **1/16X, 1/8X, 1/4X, 1/2X, normal**.
3. To exit slow forward mode and return to normal playback, press **PLAY ▶**.

Playback

Advanced Playback

DISPLAY

Press this button and the screen will display some information about disc, such as: Title number, Chapter number, Time Elapsed, Mode, Audio, Angle, Subtitle languages, Bitrate, Still Off, Instant Search and Instant Replay.

Press this button twice to turn off the information display.

REPEAT

Press once or more times to select different repeat modes as the following looped sequences:

DVD discs: CH, TT and ALL;
VCD/CD/JPEG/WMA discs: Track and ALL;
BD discs: CH and TT.

REPEAT A-B

To play certain section within the video or song, press REPEAT A-B button to set the start-point. Then, press REPEAT A-B button again to set the end-point and complete the setting. The selected section will be played repeatedly.

Press REPEAT A-B button the third time to cancel this function.

The end point cannot be set until 5 seconds of playback has elapsed from the start point.

RANDOM

Press this button during Audio CD/VCD/WMA/JPEG/DivX playback, and the tracks will play in random sequence.

SEARCH

During playback, press SEARCH button to repeatedly to select different search modes as following sequences:

1. Title ---
2. Chapter ---
3. Time ---
4. Cancelled

Press \blacktriangleleft / \triangleright and OK button on the remote control to select above modes. Then Press the numeric buttons and then OK. The Play back will skip.

SUBTITLE

Press this button repeatedly and the screen will display "X/XX XXX" and "SUBTITLE Off". The "X" indicates the current number of this language; "XX" indicates the total number of language; "XXX" indicates the language name. The number of available languages depends on the disc.

RETURN

Press this button to return to the main menu. (This option is only available to Data(WMA/JPEG) disc.)

ANGLE

During playback, press this button to change the angle of the picture. The screen will display "Angle X/X." The first "X" indicates the current number of angle, and the second "X" indicates total number of angle.

Not all BD or DVD has the multi-angle feature. The screen will take around 5 seconds to change.

DISC MENU

You may press this button at any time, and the BD or DVD video disc playback will pop up the disc menu.

TITLE MENU

During Blu-ray Disc playback, press TITLE MENU to display the disc title, and the playback will not be stopped even the menu is on the screen.

1. Press the \blacktriangleup / \blacktriangledown / \blacktriangleleft / \triangleright buttons to select an option, then press OK to confirm.
2. Press TITLE MENU to close the menu.

During DVD playback, press TITLE MENU to open the disc menu.

During VCD playback, press TITLE MENU to switch PBC on/off.

SETUP

Press the SETUP button, and the screen will display some information about the player, such as:

- General Setting
- Display Setting
- Audio Setting
- System Information

Playback

Red(Program)/Yellow(Clear)

During CD/DVD/VCD playback, you can use Program to edit the track onto the CD or the chapter onto the DVD. then press **◀ / ▶** to select track/chapter to press Clear to delete track/chapter.

Red(A)/Green(B)/Yellow(C)/Blue(D)
A/B/C/D button only will be used by BD discs.

A button: Delete bookmark;

B button: Add bookmark;

C button: View bookmark;

During BD playback, you can use these button to edit, see or delete bookmark. short press B button once, it can add a bookmark. Press C button to view the bookmark, then use **◀ / ▶** to select the bookmark to play the content of the selected bookmark and press A button to deleted the selected bookmark.

AUDIO

Press AUDIO button on the remote control to select the audio streams that set within the Blu-ray or DVD disc.

The screen will display:

AUDIO: X / XX XXX XXXX

"X" - the Current Audio Stream Number

"XX" - The total number of Audio Stream

"XXX" - Audio Language Name

"XXXX" - Audio Technology

MC

During no disc, press MC to interchange between DVD and USB.

During playback, press STOP to stop playing disc and MC to interchange between DVD and USB.

MUTE

Press MUTE once will display mute off (no sound), and press the button twice to resume the volume.

ZOOM

Press ZOOM button repeatedly to Zoom in/ out playback in the video.

Zoom mode : Zoom 2x -> Zoom 3x ->

Zoom 4x -> Zoom 1/2x -> Zoom 1/3x ->

Zoom 1/4x.

DIGEST

During playback JPEG disc, press DIGEST to view a page of 12 thumbnail images.

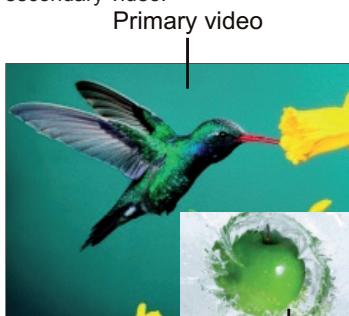
- Use **▲ / ▼ / ◀ / ▶** to select an image. Press OK to view the selected image in full-screen and subsequent images will be displayed one after another automatically. - Press PREV **◀◀** / NEXT **▶▶** to view the previous or next thumbnail screen.

Blu-ray Disc Bonus View

Playing Secondary Video (Picture-in-Picture) and Secondary Audio for Blu-ray Disc only Secondary video can be played from a disc compatible with the Picture-in-Picture (PIP) function.

For the playback method, refer to the instructions for the disc.

1. Turn on secondary video by pressing the PIP button, and press the PIP button again to display a PIP ON sign.
2. Press the Display button to select Second Audio, and select a option except off. The secondary audio is opened. You can listen the disc video sound.
3. Press the PIP button again to turn off the secondary video.



This function is not available when the primary video is played in Search, Slow-Motion, or Frame-by-Frame or Fast Forward/ Reverse mode.

To listen to the secondary audio, the digital audio output must be set to "Bitstream", "Reencode" or "PCM". Otherwise, only the secondary audio can be listen.

Customizing

This section describes the various setting option of this player.

If the setup option is grayed out, it means the setting cannot be changed at the current state.

General Setting

1. The DVD Player and TV will be opened, after they are connecting the power.
- [General Setting] menu is displayed.
2. Press **▼** to select an option, then press **►** to access.



3. Press **▲▼** to select a setup option and press **►**.
4. Select the setting you wish to change and press **OK** to confirm.
- Press **◀** to return to the previous menu.

[System]

To change the following system option to personalize your BD player.

- **[Screen Saver]**

Turn on or Off the screen saver mode. It helps to protect the TV screen.

{ **On** } – Set the screen saver active after 10 minutes no operation.
- The BD player will switch to standby mode if there is no operation till 25 mintues.

{ **Off** } – Turn off the screen saver mode.

- **[Disc Auto Playback]**

Turn On or Off the disc automatic playback switching model.

{ **On** } – The disc auto playback after loading.

{ **Off** } – Turn off disc auto playback mode.

- **[CEC]**

This player supports Easylink which uses the HDMI CEC (Consumer

Electronics Control) protocol. You can use one single remote control to control all EasyLink-compliant devices that are connected through HDMI connectors.
{ **On** } - Turns on EasyLink features.
{ **Off** } - Disables EasyLink features.

- **[Disc Auto Upgrade]**

Turn on or Off the disc automatic upgrade switching models.

{ **On** } - Start upgrade from the insert disc.

{ **Off** } - Disable disc auto upgrade mode.

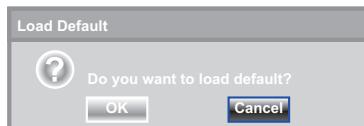
- **[Load Default]**

Reset all settings of DVD player to initial default state.

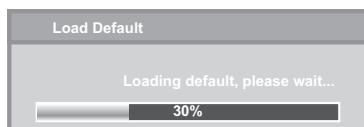
- Follow the instruction on the TV screen to confirm the default setting operation.

1. Select **Load Default**.

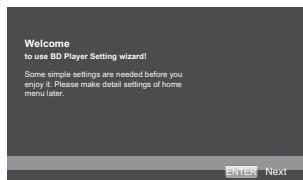
2. A dialog box pops up shown as below. Select **OK**.



3. Load Default in progress, which may take a while. Please wait...



4. TV will display as follows:



5. Press **OK**, enter language setting. Press **▲▼** to select a language option.



Customizing

6. Press OK, enter Resolution setting.



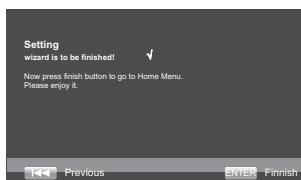
Press **▲▼** to select an option. Press **OK**.



7. Press OK, enter Aspect ratio setting.



Press **▲▼** to select an option. Press **OK**.



8. Press OK. Return [General Setting] Menu.

- **[Upgrade]**

For software upgrades to enhance performance, you could select the following upgrade method and start to upgrade.

- **{ Disc }/{ USB Storage }**

Upgrade the software from the disc or USB device.

1. Insert the disc or connect the USB device which contains the upgrade file package.
2. Follow the instruction on the TV screen to confirm upgrade operation.

- The system will reboot after 5s or

Enter key is pressed.

Notes:

- If set [Disc Auto Upgrade] to [Off], after you insert the disc that contains the upgraded information to upgrade system, you have to start upgrade from this option of Setup Menu.

- If the upgrade file package did not pass the verification, error prompt is displayed, check the package again (such as the package is not complete)

- Make sure the firmware version is not an old version.

- **[Easy Setup]**

Re-configure some settings. It is the same as "Load Default" of steps 4-8.

Note:

For setting osd and TV resolution and TV aspect.

- **[BUDA]**

BUDA will display Information.

1. Press **OK**.

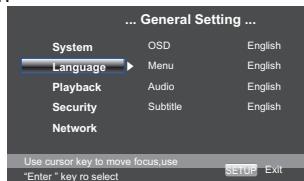
2. Follow the instruction on the TV screen to select {BUDA Information}.

Note:

BUDA: use for choosing the exterior usb or inner part to buffer, in order to keep the download address of the BD-live. To save your inner space, you are suggested to choose the exterior usb for storage.

[Language]

Select the OSD(On-Screen Display), Setup Menu, Audio, Subtitle default language for the player.



- **[OSD]**

Select the default on-screen display language.

- **[Menu]**

Select the menu language.

- **[Audio]**

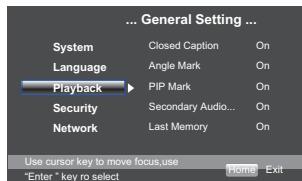
Select the default audio language.

- **[Subtitle]**

Select the default subtitle language.

Customizing

[Playback]



• [Closed Caption]

Allow people who are deaf or hard of hearing, to have access to television programming by displaying the audio portion of a television program as text on the screen.

{On} – the Closed Caption will display.
 {Off} – the Closed Caption will hide.

• [Angle Mark]

Some DVDs/BDs contain the scenes recorded with multiple angles, which allow you to enjoy the videos with your desired angles, therefore the angle mark is displayed only when the DVD/BD disc is supportable for multi-angle and Angle Mark is set to ON.

{On} – Display the angle mark.
 {Off} – Hide the angle mark.

• [PIP Mark]

The Picture -In- Picture (PIP) mode displays two pictures on the TV screen at the same time, the full screen picture is called Main Window and the small inset window is called Sub Windows. The PIP mark is displayed when in PIP mode and PIP Mark is set to ON.

{On} – Display the PIP mark.
 {Off} – Hide the PIP mark.

• [Secondary Audio Mark]

{On} – Display Secondary Audio Mark.
 {Off} – Hide the Secondary Audio Mark.

• [Last Memory]

If you open a disc or switch this player to standby state during normal playback, the BD Player can memory the end playing point, the player will start playback from the memory point next time.

{On} – Active Last Memory feature.
 {Off} – Disable Last Memory feature.

• [PBC]

VCD2.0 has PBC control (Playback

Control) menu, which allow you to interact with the system via menu.

{On} – Display playback control menu, use NUMBER keys to select desired option.

{Off} – Hide playback control menu and start playback from track1 automatically.

• [DivX(R) VOD DRM]

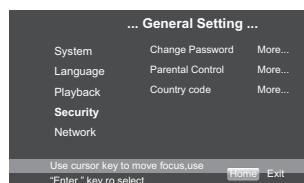
Select DivX(R) VOD DRM option to see your registration code in order to view DivX(R) Video.

The DivX(R) means DivX(R) Video on Demand Digital Right Management. You can burn your DivX files directly to a regular data CD or DVD and enjoy high quality DivX video directly on your home cinema system.

DivX is the name of a revolutionary new video code which is based on the new MPEG-4 compression standard for video. You will be able to play DivX movies using this player.

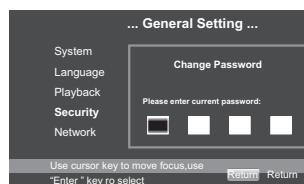
To learn more please visit
<http://www.divx.com/vod>.

[Security]



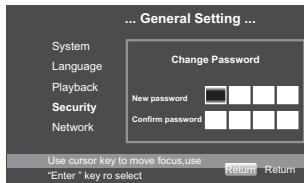
• [Change password]

Follow the instruction on the TV set or change the password for locked discs and play restricted DVDs/BDs.



1. Use number keys to enter four digit old password.
2. Enter the new password

Customizing

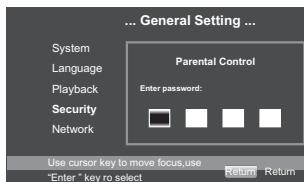


3. Enter the new password again to confirm.

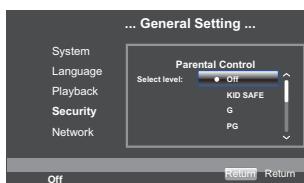
• **[Parental Control]**

Restricts access to discs that are unsuitable for children. These discs must be recorded with rating.

1. Press OK.
2. Use number keys to enter the password.



3. Select a rating level, then press OK.



Items	Description
KID SAFE	Safe for kids
G	All children and general guidance
PG	Parental guidance
PG-13	Parental guidance for children under 13
PGR	Parental guidance Recommended
R	Restricted viewing
NC-17	No one 17 and under allowed
ADULT	Adult only

Notes:

- Rated discs above the level you set in [Parental Control] require a password to be played
- The ratings are country-depended. To allow all disc to play, select 'Off'.

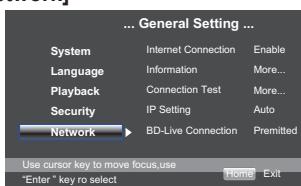
• **[Country Code]**

This ensures you see the scenes intended for your current residential region/country. Use 0-9 keys to enter the country code.

Country Code List:

Argentina (ar)	0118
Australia (au)	0121
Austria (at)	0120
Belgium (be)	0205
Brazil (br)	0218
Canada (ca)	0301
Chile (cl)	0312
China (cn)	0314
Denmark (dk)	0411
Finland (fi)	0609
France (fr)	0618
Germany (de)	0405
Hong Kong (hk)	0811
India (in)	0914
Indonesia (id)	0904
Italy (it)	0920
Japan (jp)	1016
Korea, Republic of (kr)	1118
Malaysia (my)	1325
Mexico (mx)	1324
Netherlands (nl)	1412
New Zealand (nz)	1426
Norway (no)	1415
Pakistan (pk)	1611
Philippines (ph)	1608
Portugal (pt)	1620
Russian Federation (ru)	1821
Singapore (sg)	1907
Spain (es)	0519
Switzerland (ch)	0308
Sweden (se)	1905
Taiwan (tw)	2023
Thailand (th)	2008
United Kingdom (gb)	0702
United States of America (us)	2119

[Network]



Use cursor key to move focus.use

"Enter " key to select

Home Exit

To enjoy software updates of this player

Customizing

and BD-Live bonus contents, setup the network connection.

Note:

- Ensure that the network cable is properly connected and the router is switched on.

1. Connect the disc player to the broadband modem or router.
2. Insert a BD disc with Bonus View/ BD-Live.
3. In the Setup menu, Select [Network], then press ►.
4. Select [IP Setting] in the menu, then press OK to select [Auto]. An IP address is obtained automatically. If no IP address is obtained, select [Manual] input IP Address, Subnet Mask, Default Gateway, DNS and press OK to re-connect again to the network. It will try to obtain the IP address again.
5. Press [Return] or press OK to exit.

Notes:

- This player does not support automatic detection of cross-cables. Use the straight (standard) LAN cable.*
- Loading BD-Live content from the internet may take some time, depending on the file size and the speed of the internet connection.*
- When BUDA mode is set to External, an external USB(1GB or above) stick is needed to store or erase BD-live content.*

• [Internet Connection]

{Enable} – Enable connect to internet.
{Disable} – Disable connect to internet.

• [Information]

Display the Network Information page. In this page, you can view the info of Interface, Address Type, IP Address, Subnet Mask, Default Gateway and DNS.

• [Connection Test]

Test both cable connecting and IP settings, it will ping default gateway. If connection test is failed, a message box will pop up to prompt you the test is failed. Please check connection related settings and re-test it again.

• [IP Setting]

{Auto} – Auto obtain network information.

{Manual} – Manual setup network information.

• [BD-Line Connection]

{Permitted} – During playback BD-Live disc, the disc may automatically downloading all information from appointed network.

{Partial Permitted} – During playback BD-Live disc, the disc may automatically downloading the part of information from appointed network.

{Prohibited} – Disable downloading information from network.

• [Proxy Setting]

{Enable} – Automatically obtained proxy information.

{Proxy Host} – Setup appointed proxy host.

{Proxy Port} – Setup appointed proxy port.

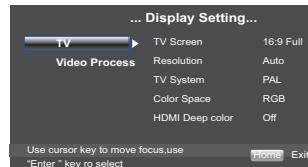
Display Setting

1. Press SETUP

[General Setting] menu is displayed.

2. Press ► to select [Display Setting], then press ▼.

3. Select an option, press ► to access.



4. Press ▲▼ to select a setup option and press ►

5. Select the setting you wish to change and press OK to confirm.

- Press ◀ to return to the previous menu.

- Press SETUP to exit the menu.

[TV]

• [TV Screen]

Select the screen format according to how you want the picture to appear on the TV.

{16:9 Full} – For a disc with the aspect ratio of 4:3, the output video is stretched into 16:9 full screen.

Customizing

{16:9 Normal} – For a disc with the aspect ratio of 4:3, the output video is resized vertically to match what will be seen on the display.

{4:3 Pan&Scan} – For standard TV, Display a wide picture on the entire screen and cuts off the redundant portions.

{4:3 Letterbox} – For standard TV, Display a wide picture with two black borders on the top and bottom of 4:3 screen.

• [Resolution]

Select a video output resolution that is compatible with your TV display capability.

{Auto} – Select the most suitable resolution according to the input video.

{480I/576I}, {480P/

576P}, {720P}, {1080I}, {1080P} – Select a video resolution setting that is best supported by the TV, See TV manual for details.

• [TV System]

If the video does not appear correctly, change the setting. By default, this setting matches the most common setting for TVs in your country

{NTSC} – For NTSC-system TV.

{PAL} – For PAL-system TV.

{Multi} – For Multi-system TV, compatible with both PAL and NTSC.

• [Color Space]

Select a predefined color space of picture

{RGB} – Select RGB color space.

{YCbCr} – Select YCbCr color space.

{YCbCr422} – Select YCbCr422 color space

{Full RGB} – Select Full RGB color space.

• [HDMI Deep Color]

This feature is available only when the display device is connected by a HDMI cable, and when it supports deep color feature.

{Off} – Output standard 24 bit color.

{30 bits} – Output 30 bits color.

{36 bits} – Output 36 bits color.

• [HDMI 1080P 24Hz]

{On} – Enable to select this video

resolution setting.

{Off} – Disable to select this video resolution setting.

[Video Process]

• [Video Adjust]

Select a predefined set of the video.

1. Press **OK**.

2. Press **◀▶** to adjust the video Brightness, Contrast, Hue and Saturation.

3. Move to **[Exit]** to exit.



• [Sharpness]

Select the sharpness level: High, Middle, Low.

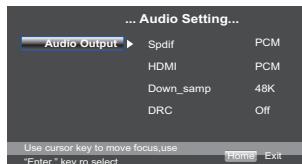
Audio Setting

1. Press **SETUP**

[General Setting] menu is displayed.

2. Press **▶** to select **[Audio Setting]**, then press **▼**.

3. Select an option, press **▶** to access.



4. Press **▲▼** to select a setup option and press **▶**

5. Select the setting you wish to change and press **OK** to confirm.

- Press **◀** to return to the previous menu.

- Press **SETUP** to exit the menu.

[Audio Output]

• [Spdif]

Select the output mode of Digital Out jack, options include Bitstream, PCM, Reencode and Off.

Customizing

{Bitstream} – output digital signal without any processing.

{PCM} – output digital signal with processing, only two channels export. When Connect a HDMI cable from the HDMI OUTPUT jack on this product to the HDMI input jack on the TV, output multi channels export.

{Reencode} – Auto select signal type from Digital Out jack according to the Audio streamon disc.

{Off} – Disconnet bit stream export.

- **[HDMI]**

Select the output mode of HDMI Digital Out jack, options include Bitstream, PCM, Reencode and Off.

{Bitstream} – output HDMI digital signal without any processing.

{PCM} – output digital signal with processing, only two channels export. When Connect a HDMI cable from the HDMI OUTPUT jack on this product to the HDMI input jack on the TV, output multi channels export.

{Reencode} – Auto select signal type from Digital Out jack according to the Audio streamon disc.

{Off} – Disconnet bit stream export.

- **[Down_samp]**

Select the digital audio signal sampling frequency.

{48K} – For discs recorded at sampling rate of 48 KHz.

{96K} – For discs recorded at sampling rate of 96 KHz.

{192K} – For discs recorded at sampling rate of 192 KHz.

- **[DRC]**

Select the Dynamic Range Control mode which makes it available to listen to a movie at a low volume without losing sound clarity.

{On} – Dynamic range compress.

{Off} – Non-dynamic range compress.

{Auto} – Adjust the DRC according to input audio.

System Information

1. Press **SETUP**

[General Setting] menu is displayed.

2. Press **▶** to select **[System Information]**.

- The current software version and MAC address display
- Press **◀** to return to the previous menu.

- Press **SETUP** to exit the menu.



Specification

Playback media

BD-Video, BD R V2.0/BD RE V2.x, BD RE V3.0, DVD-Video, DVD+R/+RW, DVD-R/-RW, CD-R/CD-RW, Audio CD, Video CD/SVCD, Picture CD.

Video

Signal system:PAL/NTSC
Composite video output: 1Vp-p (75 ohm).
Component video output: 480/576i, 480/576p, 720p,1080i
HDMI Output: 480i/576i,480p/576p,720p,1080i,1080p.

Audio

- 2 Channel analog output
 - Audio Front L&R : 2 Vrms (> 1 kohm)
- Digital output: 0.5 Vp-p (75 ohm)
- Coaxial
- HDMI output

Main Unit

- Power supply rating:
110V-240, 50HZ/60HZ
- Power consumption: 25W
- Power consumption in standby mode:
<1W
- Dimensions (w x h x d):
430×45×225 (mm)
- Net Weight: 2.3 kg

Accessories supplied

- Remote control and batteries
- CVBS, Audio LR cable
- Power cable (1.5m)
- User manual
- Warranty Card
- Hot Line Card

Troubleshooting

If you experience any of the following difficulties while using this unit, check the list below before consulting your nearest dealer.

Problem	Tip
No reaction to the remote control.	Connect the product to the power outlet.
	Point the remote control at the product.
	Insert the batteries correctly.
	Insert new batteries in the remote control.
No video signal on the display device.	Turn on the TV.
	Set the TV to the correct external input.
	Select the correct video resolution
No audio / video signal on the display device via HDMI cable.	If the unit is connected to the unauthorized display device with an HDMI cable, the audio/video signal may not be output.
No high-definition video signal on the TV.	Does the disc contain high-definition video High-definition video is not available when the disc does not contain it.
	Does the TV support high-definition video? High-definition video is not available when the TV does not support it.
No audio signal from the loudspeakers of the TV.	Assign the audio input of the TV to the corresponding video input.
No audio signal from the loudspeakers of the audio system.	Turn on the audio system.
	Set the audio system to the correct external input.
	Increase the volume level of the audio system.

Troubleshooting

Cannot play back a disc.	<p>Make sure that the product supports the disc.</p> <p>Make sure that the Blu-ray Disc player supports the region code of the DVD or BD.</p> <p>For DVD+RW/+R or DVD-RW/-R, make sure that the disc is finalized.</p> <p>Clean the disc.</p>
Cannot play back JPEG files from a disc.	Make sure that the disc was recorded in the UDF, ISO9660 or JOLIET format.
Cannot play back Windows Media™ Audio files from a disc.	Make sure that the sample rate of the Windows Media™ Audio files is 44.1kHz or 48kHz.
Cannot find a JPEG file.	<p>Make sure that the selected group (folder) does not contain more than 9,999 files for DVD, and 999 files for CD.</p> <p>Make sure that the file extension is .wma or .WMA, .jpg, .JPG, .jpeg or .JPEG.</p>
Cannot find Windows Media™ Audio file.	Make sure that the selected folder does not contain more than 9,999 files for DVD, and 999 files for CD.
Cannot SW upgrade	When you upgrade the system used USB Flash device, you should make a new folder named upg/UPG, and copy the upgrade file into this folder.
Cannot USB Flash Device	Use USB Flash Device corresponding to the Mass Storage Class Driver.

Glossary

Aspect ratio

Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

Blu-ray Disc (BD)

Blu-ray Disc is a next generation optical video disc capable of storing five times more data than a conventional DVD. The large capacity makes it possible to benefit from the features such as high-definition videos, multichannel surround sound, interactive menus and so on.

BONUSVIEW

This is a BD-Video (Final Standard Profile or Profile 1.1) that supports interactive content encoded on the disc, such as picture-in-picture. This means you can play the primary video and secondary video simultaneously.

Digital Audio

Digital Audio is a sound signal that has been converted into numerical values. Digital sound can be transmitted through multiple channels. Analogue sound can only be transmitted through two channels.

Dolby Digital

A surround sound system developed by Dolby Laboratories that contains up to six channels of digital audio (front left and right, surround left and right, center and subwoofer.)

DTS

Digital theatre Systems. A surround sound system for providing 5.1 channels of discrete digital audio in consumer electronics products and software content. It is not developed by Dolby Digital.

DivX®

DivX® is a codec (compression/decompression) that can compress images to a very small amount of data.

ABOUT DIVX PLUS® HD: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified® device that plays DivX video, including DivX Plus® HD video (H.264/MKV) up to 1080p and premium content. Visit www.divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.

HDCP

High-bandwidth Digital Content Protection. This is a specification that provides a secure transmission of digital contents between different devices (to prevent unauthorized copyright.)

Glossary

HDMI

High-Definition Multimedia Interface (HDMI) is a high-speed digital interface that can transmit uncompressed high definition video and digital multichannel audio. It delivers high quality picture and sound quality, completely free from noise. HDMI is fully backward-compatible with DVI. As required by the HDMI standard, connecting to HDMI or DVI products without HDCP (High-bandwidth Digital Content Protection) will result in no Video or Audio output.

JPEG

A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their file extension '.jpg' or '.jpeg.'

LAN (Local Area Network)

A group of linked devices in a company, school or home. Indicates the boundaries of a particular network.

Local storage

This storage area is used as destination for storing additional contents from BD-Live enabled BD-Video.

PBC

Playback Control. A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.

PCM

Pulse Code Modulation. A digital audio encoding system.

Region code

A system that allows discs to be played only in the region designated. This unit only plays discs that have compatible region codes. You can find the region code of your unit on the product label. Some discs are compatible with more than one region (or ALL regions.)

WMA

Windows Media™ Audio. Refers to an audio compression technology developed by Microsoft Corporation. WMA data can be encoded with Windows Media player version 9 or Windows Media player for Windows XP. Files are recognized by their file extension '.wma.'